

**ABSTRACT**

A computer-based prosthodontic method is provided, for enabling a dental practitioner to define a finish line of a dental prosthesis of at least one tooth to be fitted over a tooth preparation. The method comprises the following steps:

5 providing a three-dimensional (3D) digital data relating to the patient's dentition, the 3D data includes data representative of the surface topology of the preparation and its surroundings; generating first finish line data representative of at least a portion of the finish line and superimposing an image of the finish line on an image of the dentition; obtaining second finish line data determined on the basis of input

10 received from a dental practitioner; and using the second finish line data to update the first finish line data and superimposing the updated data on the dentition image.